



VERMONT

AGENCY OF NATURAL RESOURCES
Department of Environmental Conservation

Compost Site Management Temperature Probe Recalibration

Recalibration of 36"x5/16" Compost Temperature Probes

For REOTEMP Series A-PF - Heavy Duty Windrow Thermometers

Calibration of composting temperature probes should be conducted at least every 6 to 12 months. If you submerge the probe in temperatures that exceed the dial indicator or the recommended probe temperature or if you bump and jostle the probe frequently, you should recalibrate more often.

To calibrate your temperature probe, immerse at least 4" (100 mm) or more of the stem in a deep container of iced water (38 degrees Fahrenheit). To prepare the iced water; fill a deep (6" or taller is recommended) container to the top with ice. Then fill container with cold water (refrigerating the water an hour or two beforehand can speed up the process). Wait at least 10 minutes while stirring periodically to prevent temperature stratification. This should produce a temperature of 38 degrees Fahrenheit within a degree or two.

Either hold or suspend the probe in the water. Do not allow the probe to contact the sides or the bottom of the container. (About 1" from the bottom of the container should be sufficient). Using a 1/4" wrench or standard slotted screwdriver, gradually turn the calibration screw on the back of the probe face until you have reached the desired temperature of 38 degrees. Turn the screw counter-clockwise to increase the temperature or clockwise to decrease the temperature. When you have completed the adjustment, re-check the temperature in iced water.

For technical questions or more information regarding your probe, contact:

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